

## **DETAILS OF RESEARCH PROJECTS COMPLETED IN VARIOUS DEPARTMENTS FROM 2013 ONWARDS**

Sl. No.	Title	Researcher	Guide	Co - Guide	Year
<b>DEPARTMENT OF ANAESTHESIOLOGY</b>					
1	Comparison Of Ultra Sound Guided Supraclavicular And Infraclavicular Brachial Plexus Blockade For Upperlimb Surgery – A Randomized Controlled Trial	Dr. Sherine Bright	Dr. George Joseph	Dr. Suresh Babu	2013-2015
2	Assessment of The Effect of Supine Posture And Phonation on Modified Mallampati Grading and It's Applicability In Prediction of Difficult Airway- An Observational Study.	Dr. Annappa S	Dr. Kusuma R. Helemani	--	2013-2015
3	The Role of Ratio of Height to Thyromental Distance as Predictor of Difficult Larygocopy – A Prospective Study	Dr. Swapna Sasidharan	Dr. Jacob John Theophilus	--	2014-2016
4	Comparison of Continuous Epidural Infusion of 0.125% Bupivacaine Versus 0.2% Ropivacaine for Post Operative Epidural Analgesia After Abdominal Hysterectomy – A Prospective Randomized Double Blinded Study	Dr. Nijas Ahammed	Dr. Jacob John Theophilus	--	2013-2016
5	Perfusion Index Derived from Pulse-Oximeter as Predictor of Sub-Arachnoid Block Induced Hypotension During Caesarean Section A Prospective Observational Study	Dr. Junaid Bin Ahmed	Dr. Vijaya Devi	--	2013-2016
6	Comparison of Hemodynamic Response to Tracheal Intubation with Macintosh and	Dr. Seethal Jose	Dr. Vijaya Devi	Dr. Dinit Joy	2015-2017

	McCoy Laryngoscopes – A Prospective Randomized Study				
7	Epidural ropivacaine and levo bupivacaine for post-operative analgesia in patients undergoing spine surgery – a comprehensive study	Dr. Aswin Mohan	Dr Vijaya Devi	Dr Menaka S Rajesh	2015-2017
8	Comparison of patient controlled epidural infusion versus physician controlled epidural infusion for postoperative analgesia in patients undergoing major abdominal surgeries	Dr. Komal	Dr. Kusuma R. Halemani	--	2014-2017
9	Comparison of hemodynamic responses to laryngeal mask airway insertion and endotracheal intubation	Dr. Sajid B.	Dr. Jacob John Theophilus	Dr. Hashir A.	2014-2017

### **DEPARTMENT OF CARDIOLOGY**

1	Myocardial Injury in Septicemia, -Incidence And Outcome- A prospective Descriptive Study In A Tertiary Care Centre.	Dr. P.T. Suhail	Prof. G. Vijayaraghavan	Dr. V.K. Suresh Kumar	2013-2016
2	Prevalence of pulmonary hypertension and corepulmonale among the chronic obstructive pulmonary disease patients in a tertiary care centre	Dr. Bhaskaran S.	Prof. G. Vijayaraghavan	Dr. Ameer K.A.	2014-2017
3	Influence of current guidelines in management of acute coronary syndrome in comparison to previous management strategies in a tertiary care centre	Dr. Jasim Mohammed	Dr. Ramesh Natarajan	Prof. G. Vijayaraghavan	2014-2017
4	Association between serum uric acid levels and coronary artery disease	Dr. Sakalesh Patil	Prof. G Vijayaraghavan	--	2014-2017

### **DEPARTMENT OF EMERGENCY MEDICINE [MEM]**

1	Impact of Chest Compression Fraction on Return of Spontaneous Circulation for Cardiac Arrest Patient	Dr Ashok Kumar Uppiretla	Dr. Gangalal G.M.	--	2013-2016
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2	Comparison of sequential organ failure assessment (sofa) score and acute physiology and chronic health evaluation ii ( apache ii) score in analyzing patients admitted from the emergency department with sepsis	Dr. Gowri Sankar S.	Dr. Anoop T.C.	--	2013-2016
2	Day I Systemic Inflammatory Response Syndrome (SIRS) as a predictor for disease severity in acute pancreatitis	Dr. Ameen Abdul Gafoor	Dr. Anoop T.C.	--	2014-2017
4	Clinical study of Electrocardiogram (ECG) changes in acute cerebro vascular accidents	Dr. Vijaya Vani Manikante	Dr. Anoop T.C.	--	2014-2017
5	“Broselow tape as an ideal tool to estimate the weight of Indian children”- a cross-sectional study	Dr. Shehnaz A.	Dr. Gangalal G. M..	Dr. Prameela Joji	2014-2017
6	Factors affecting neurological worsening in acute ischemic stroke	Dr. Lekshmi Ravi	Dr. Anoop T.C.	--	2014-2017

### **DEPARTMENT OF ENT**

1	Indications For Tracheostomy in a Tertiary Care Centre – An Observational Prospective Study	Dr. Veeresh D.	Dr. K.P. Gopakaumar	Dr. Jayakumar R.	2013-2015
2	Epidemiological A study Of Reinkes Space Lesions – A Descriptive Study	Dr. Dipin Kumar	Dr. Gopakumar K.P.	Dr. Jayakumar R.	2014-2016
3	A clinical study on epidemiology and management of Epistaxis in a tertiary care centre.	Dr. Susmitha T. Abraham	Dr. K.G. Mathew	Dr. Gopakumar K.P.	2013-2016
4	A study on role of predictive parameters in difficult microlaryngeal surgery	Dr. Pournami V.S.	Dr. Jayakumar R. Menon	Dr. Gopakumar K.P.	2015-2017
5	Causes, management and outcome of stridor in infants- a prospective study	Dr. Gourikripa G R	Dr Jayakumar R. Menon	Dr. Gopakumar K.P.	2014-2017

## DEPARTMENT OF FAMILY MEDICINE

1	Clinical And Laboratory Profile of Scrub Typhus Infection in a Tertiary Care Centre in Kerala – Prospective Study	Dr. Dhawal Ketan Modi	Dr. A. Govindarajan	Dr. Zarin Pilakadavath	2013-2016
2	Study of Clinical Profile of Severe Dengue Infection in Hospitalized Patients at a Tertiary Care Centre	Dr. Ketan D. Malvi	Dr. A. Rajalakshmi	--	2013-2016
3	Antibiotic Resistance Pattern in Adults with Symptomatic Community Acquired Urinary Tract Infection in a Tertiary Care Centre in Kerala – Descriptive Study	Dr. Shah Ankit Kirit	Dr. Hari T.A.	--	2013-2016
4	The Incidence and correlation of microalbuminuria in non-diabetic acute ischemic stroke- a prospective observational study	Dr. Saurabh Rathore	Dr. Ajit Thomas	Dr. Suresh Chandran C.J.	2014-2017
5	HbA1C as an outcome predictor in type 2 diabetes mellitus patients with sepsis-a prospective observational study	Dr. Fathima Abdul Khader	Dr. Jacob John	Dr. Raj Mohan	2014-2017
6	Serum lactate as a parameter for the prediction of severe dengue	Dr. Anupam Das	Dr. Hari T.A.	--	2014-2017

## DEPARTMENT OF GASTROENTEROLOGY

1	A Cross Sectional Study Of Prevalence And A Nested Case Control Study Of Risk Factors Of Pregnancy Related Biliary Stones / Sludge	Dr. Thyagaraj	Dr. Narendranathan	--	2013-2016
2	Portal gastropathy and helicobacter pylori in liver cirrhosis-cross sectional study	Dr. Priyesh Kamlesh Patel	Dr. Ajith K. Nair	Dr. Biji K.A.	2014-2017
3	Donor hepatic steatosis and occurrence of ischemia reperfusion injury in liver transplant recipient	Dr. Prafulla Vishnurao Jadhav	Dr. Madhu Sasidharan	Dr. Simi C.M.	2014-2017

## DEPARTMENT OF GENERAL SURGERY

1	A Non Randomized Prospective Study Comparing Breast Conservation Surgery And Modified Radical Mastectomy For Early Breast Cancer In An Indian Setting	Dr. Rahul R.	Dr. Shafi Ali Kahan	Dr. K.N. Vijayan	2013-2016
2	Efficacy of Single Dose Low Molecular Weight Heparin In Prevention of Deep Vein Thrombosis Following Endovenous Radiofrequency Ablation For Varicose Veins	Dr. Tony Fernandez	Prof. K.N. Vijayan	Dr. Shafi Ali Khan	2013- 2016
3	Comparison Of Laparoscopic Total Extra peritoneal (Tep) Repair And Trans-Abdominal Pre-Peritoneal (Tapp) Mesh Repair Of Inguinal Hernia : A Prospective Study	Dr. P. Lalitha Shankar	Dr. Firoz Khan M.H.	Dr. Shafy Ali Khan S.L.	2014-2017
4	Stapled Hemorrhoidopexy Versus Sutured Hemorrhoidopexy: A Prospective Comparative Study	Dr. Dipankar Sharma	Dr. Shafy Sli khan SL	--	2014-2017
5	Role of ultrasound in the management of thyroid nodule with indeterminate cytology	Dr. Nisha Prasannan	Prof. K N Vijayan	Dr. Shafi Ali Khan	2014-2017

## DEPARTMENT OF GENERAL MEDICINE/ INTERNAL MEDICINE

1	Prothrombin time, activated plasma thromboplastin time, platelet counts as predictors of bleeding in dengue haemorrhagic fever- an observational study.	Dr. Bhanu Prakash Reddy A.	Dr. Gopinatha Menon	Dr. A. Rajalakshmi	2013-2016
2	A Descriptive Study Of Prevalence Of Normocytic Anemia And Its Causes In A Tertiary Care Hospital In South Kerala	Dr Ashutosh Uday Mungi	Dr. Mathew Thomas	--	2013-2016
3	A study on proportion, risk factors and outcome of ventilator associated pneumonia in multi-disciplinary intensive care unit	Dr Balu Mohan	Dr. Mathew Thomas	Dr. Suresh Kumar V.K.	2014-2017

4	Study on antimicrobial susceptibility of salmonella enterica serovars	Dr Jayakrishnan C.P.	Dr. Vijayalekshmi	Dr. A. Rajalakshmi	2014-2017
5	Extended spectrum beta- lactamase producing enterobacteriaceae in community acquired urinary tract infection – a hospital based cross-sectional study	Dr Sandeep M	Dr Gopinatha Menon	Dr. A. Rajalakshmi	2014-2017

### **DEPARTMENT OF NEONATOLOGY**

1	Early Parent Participation Compared To Conventional Care For Preterm Babies In The NICU – A Randomised Controlled Trial	Dr. Pillai Anish Gopalkrishna	Dr. Naveen Jain	Dr P.M.C. Nair	2013-2016
2	Exclusive breast milk versus mixed milk feeding for preterm babies: a randomized controlled trial	Dr. Anand N.	Dr. Naveen Jain	Dr P.M.C. Nair	2014-2017
3	Incidence and outcomes of bronchopulmonary dysplasia in very preterm babies in India	Dr. Murghesh Patil	Dr. Naveen Jain	Dr Femitha P.	2015-2016
4	Thermal regulation in hospitalized stable preterm using isothermal matters a randomized control trial	Dr. Shoba Vijayan	Dr. Naveen Jain	Dr P.M.C. Nair	2014-2017
5	Accuracy of CSF parameters in sick neonates in predicting adverse outcome	Dr. Saikat Patra	Dr. Naveen Jain	Dr. Femitha P.	2016-2017

### **DEPARTMENT OF NEPHROLOGY**

1	Comparison between urine sodium and clinical evaluation to assess saline responsiveness in severe hyponatremia-a prospective study	Dr. Arun Kumar N.	Dr. Satish Balan	--	2014-2016
2	An Observational Study To Determine The Hemodynamic Tolerability, Efficacy And Clinical Outcomes Of Critically Ill Patients	Dr. Midhun Ramesh	Dr. Satish Balan	Dr Praveen Muralidharan	2014-2016

	With Acute Kidney Injury On Sustained Low Efficiency Dialysis				
<b>DEPARTMENT OF NEUROLOGY</b>					
1	Major Vascular Neurocognitive Disorder In Cerebral Small Vessel Diseases : A Cohort Study	Dr. Leena Jayakar	Dr. K.R. Manorama Devi	Dr. Suresh Chandran & Dr. Syamlal S.	2014-2016
<b>DEPARTMENT OF OBSTETRICS &amp; GYNECOLOGY OBG</b>					
1	Spontaneous Versus Prostaglandin E1 Induced Labour Outcome – A Prospective Study	Dr. Sinsila Elizabeth	Dr. R. Sushama Devi	Dr. Roshni Ambat	2013-2015
2	Endometrial Tissue Sampling Using Pipelle Versus Dilation And Curettage In Histological Examination For Assessment Of Endometrium In Patients Of Perimenopausal And Post-Menopausal Age- A Prospective Study.	Dr. Nina Navakumar	Dr. Vinoo Balakroshnan	Dr. Dhanya Dinesh	2012-2015
3	A Comparative Study Of Tatal Laproscopic Hysterectomy And Total Abdominal Hysterectomy.	Dr. Prasannalatha Adepu	Dr. Valsamma Chacko	Dr. Rafeekha P.	2013-2015
4	Efficacy And Safety Of Tocolytic Therapy With Oral Nifedipine For The Management Of Preterm Labor – A Tertiary Care Centre Based Prospective Observational Study	Dr. Minu Gopy	Dr. Vidya Lekshmi	Dr. Roshni Ambatt	2014-2016
5	Maternal And Perinatal Outcome In Twin Pregnancy	Dr. Priya Sangeeth	Dr. P. K. Syamala Devi	Dr. Vinoo Balakrishnan	2014-1+6
6	A correlative study of ultrasonographic placental thickness with the gestational age in normal and intra uterine growth restricted	Dr. Subhashini R.	Dr. Rafeekha P.	Dr. Deepthi	2013-2016

	pregnancies				
7	Thyroid screening in obstetrics patients	Dr. Gokula Triveni	Dr. Vinoo Balakrishnan	Dr. Roshini Ambatt	2013-2016
8	Serum beta Hcg and lipid profile in early second trimester as predictors of pregnancy induced hypertension	Dr. Mahalakshmi Ayyanagowda	Dr. Syamala Devi P.K.	Dr. Roshini Ambat	2015-2016
9	Proportion of clinical pregnancy following intrauterine insemination- a prospective observational study	Dr. Chithra Gopal S.	Dr. R. Sushama Devi	Dr. Rafeekha P.	2014-2017
10	An Analytical study on advanced maternal age and pregnancy outcome	Dr. Leeba Sara Thomas	Dr. Valsamma Chacko	--	2014-2017

### **DEPARTMENT OF ORTHOPEDICS**

1	Role of Tranexamic Acid and Drain less Closure In Preventing Blood Loss In Primary Total Knee Arthroplasty	Dr. Rakesh H.	Dr. Muhammed Nazeer	Dr. Thomas Baby	2013-2015
2	Serum Lactate As A Predictor For Wound Complications And Mortality In Polytrauma Patients Who Underwent Fracture Fixation Surgeries – A Prospective Study	Dr Vishnu R Unnithan	Dr. Muhammed Nazeer	Dr. Ranjith Unnikrishnan	2014-2016
3	Functional And Radiological Outcome In Intra-articular Fracture of Distal Radius: Locked Compression Plate Versus Percutaneous Pinning And Plastering-A Descriptive Comparative Study	Dr. Rubeesh Hassan C.P.	Dr. Ranjith Unnikrishnan	Dr. Madan Mohan	2014-2016
4	Functional Outcome in The Surgical Management of Intertrochanteric Fractures: Proximal Femoral Nailing Versus Dynamic Hip Screw Fixation – A Comparative Study	Dr. Saril P. Surendran	Dr. Ranjith Unnikrishnan	--	2013-2015



5	Functional outcome after management of clavicular midshaft fractures : open reduction and internal fixation versus conservative management – a comprehensive study	Dr. Nishanth Kumar V.V.	Dr. Muhammed Nazeer	Dr .Madan Mohan	2015-2017
6	Functional outcome of fractures of the tibial condyle treated with open reduction and internal fixation	Dr. Arun Ravindran	Dr. Madan Mohan	--	2015-2016
7	Analysis of clinical, radiologic, histopathologic features and treatment outcome of single level spondylodiscitis: a prospective observational study	Dr. Binu Abraham	Dr. Ranjith Unnikrishnan	Dr. Madan Mohan	2014-2017
8	Functional outcome in the surgical management of fractures of proximal humerus using locking compression plates a prospective observational study	Dr. Unnikuttan D.	Dr. Muhammed Nazeer	--	2014-2017

### **DEPARTMENT OF PEDIATRICS**

1	Association between body mass index and blood pressure among children age group 5 to 15 years in a tertiary care center – descriptive study.	Dr. Vinay Kumar S	Dr Jayaram Das	Dr. Prameela Joji	2013-2015
2	Effect of adding oral montelukast to standard therapy in moderate to severe exacerbation of asthma in children 2 to 15 years: an open label randomized controlled trial.	Dr. Anjana M G	Dr. Saddiq M.H.	Dr. Neetu Gupta	2012-2015
3	Knowledge, Attitude And Practices Of Mothers Regarding Immunization Of Infants And Pre- School Children In A Tertiary Care Centre –A Descriptive Study	Dr Abhilash K Thomas	Dr Jayaram Das	Dr Prameela Joji	2014-2016
4	Clinical and etiological profile of pneumonia in children admitted in a tertiary care centre- a descriptive study.	Dr Mili Thomas	Dr. Ashok Kumar	Dr. Neetu Gupta	2014-2016

5	Outcome of noninvasive ventilation in children aged 2 months to 15 years in a tertiary care hospital- a descriptive study.	Dr P Ajai Kumar	Dr. Prameela Joji	Dr. Neetu Gupta	2013-2016
6	Role Of Intravenous Dexamethasone In The Treatment Of Acute Bronchiolitis In A Subgroup Of Children Aged 1 To 18 Months With Either Atopy And/Or Family History Of Asthma – An Open Labelled Randomized Controlled Study	Dr Muhammed Shafeeq K T	Dr. Saddiq M.H.	Dr. Neetu Gupta	2013-2016
7	Identification of risk factors and triggers associated with moderate to severe exacerbation of childhood asthma – a descriptive study.	Dr Jinu Aloysius	Dr. S. Jayaram Das	Dr. Neetu Gupta	2015-2017
8	Incidence and clinical profile of acute kidney injury in children admitted in the pediatric intensive care unit- a prospective observational study	Dr. Bhavya S.	Dr. Asok Kumar	Dr. Prameela Joy	2015-2017
9	Ultrasound measurement of inferior vena cava diameter as an objective tool for assessment of fluid responsiveness in children aged 1 month upto 15 years – a descriptive study	Dr Metty Mathews	Dr Prameela Joji	Dr. Neetu Gupta	2014-2017
10	Prevalence of allergic rhinitis and its correlation with severity of bronchial asthma in children in a tertiary care hospital-a prospective study	Dr. Manesh Chandran	Dr. Saddiq M.H.	Dr. Prameela Joji	2014-2017

### **DEPARTMENT OF RADIO DIAGNOSIS**

1.	Mammographic evaluation of palpable breast lesions with ultrasound and/or histopathological correlation	Dr. Pankaj Nagori	Dr Zunimol P.K.M.	Dr. Madhavan Unni	2013
2.	Diffusion Weighted And Multiphase Contrast Magnetic Resonance Imaging In Focal Liver	Dr. Alice Deepa	Dr. Manoj K.S.	--	2014-2016

	Lesions				
3.	Trans rectal ultra sonography (trus) in early prostate cancer. Correlative study with clinical evaluation and serum PSA levels - a prospective observational study	Dr. Afsal Anarath	Dr. N. Madhavan Unni	--	2014-2016
4.	Role of MRI in evaluation of uterine and adnexal lesions	Dr. Raji Krishna	Dr. Zunimol P.K.M.	--	2013-2016
5.	Variant arterial anatomy of liver by ct angiography	Dr. Ajeesh A.S.	Dr. Manoj K.S.	--	2014-2017

### **DEPARTMENT OF RESPIRATORY MEDICINE**

3	Effect Of Nocturnal Continuous Positive Airway Pressure (CPAP) Therapy on Resting Pulmonary Artery Pressure In Obstructive Sleep Apnea (OSA) Patients.	Dr. Anjana Babu	Dr. V. Kesavan Nair	Dr. P Arjun Dr. G. Vijayaraghavan	2014-2016
4	Evaluation Of The Clinical Outcomes in Patients with Chronic Obstructive Pulmonary Disease Who Undergo Structured and Supervised Pulmonary Rehabilitation in a Tertiary Care Centre in South India	Dr. Dileep Kumar G.	Dr. P. Arjun	Dr. Ameer K.A.	2013-2015
5	The effect of Diabetes Mellitus on the clinicoradiological and bacteriological presentation of tuberculosis : a descriptive study	Dr. Smitha Sarwade	Dr. Kesavan Nair	Dr. Ameer K.A.	2015-2017
6	Diagnostic yield of pleuroscopy in cases of undiagnosed pleural effusion in patients coming to a tertiary care centre	Dr. Harry Jacob George	Dr. Ameer K.A.	Dr. P. Arjun	2015-2017
7	Prevalence of allergic bronchopulmonary aspergillosis in patients with bronchial asthma in tertiary care centre	Dr. Panwala Mitali	Dr. Joshi M.	Dr. Ameer K.A.	2014-2016

8	The Accuracy of the Stop Bang Questionnaire in the Identification of Obstructive Sleep Apnoea (OSA) with Polysomnography as the Gold Slandered in Adult Patients with Symptoms of Sleep Disordered Breathing in a Tertiary Care Centre in South Kerala.	Dr Muhammed J. Nishadh	Dr. Ameer K.A.	Dr. P. Arjun	2013-2016
9	Molecular and clinical profile of adenocarcinoma lung in women presenting to a tertiary care centre	Dr. Renjitha Subhash	Dr. P. Arjun	Dr Boben Thomas	2014-2017
10	Effectiveness of influenza and pneumococcal vaccination in improving clinical profile in patients with chronic obstructive pulmonary disease	Dr. Azharul Haque K.T.	Dr. Ameer K.A.	Dr. A. Rajalakshmi	2014-2017

### **DEPARTMENT OF UROLOGY**

1	To evaluate the efficiency and safety of ureteroscopy and laser lithotripsy in upper ureteric calculi of size 1cm or more.	Dr. Jagdeep Singh	Dr. K.R. Vikraman	Dr. Madhavan Unni	2013-2016
2	Pre And Post Ablation Radiological Study Of Posterior Urethra In Posterior Urethral Valve – A Descriptive Study	Dr. Vala Giriraj Sinh Kalubhai	Dr. K. Sasidharan	Dr. S. Hariharan	2013-2016
3	Monopolar versus bipolar turp (transurethral resection of prostate) – a randomized prospective study assessing their surgical parameters and clinical advantages.	Dr. Jambu Saurabh Kanubhai	Dr. Renu Thomas	--	2014-2017
4	Factors affecting urinary calculi treatment by extracorporeal shock wave lithotripsy	Dr Jitendra Arun Chaudhari	Dr. K.R. Vikraman	--	2014-2017